

## **Crosscutting Concepts: Prompts for Discussion**

### **Stability and Change:**

1. What causes stability in this system?
2. What does the data tell us about what affects the stability of this system?
3. What causes change in this system?
4. What is already known about stability and change in this system?
5. What is the time scale for this system to remain stable or change?
6. If the system is changing, what would make it become stable?
7. Are there feedbacks in the system?

### **Scale, Proportion and Quantity:**

1. What scales are used to examine the phenomena?
2. How can we study nature at these scales?
3. How can we accurately measure at these scales?
4. What proportions are described by the data?
5. Why is a sense of scale important to look at this phenomenon?
6. What does the data tell us about how the system is stable or changes?